

230 Crescent Avenue
Chelsea, Ma.

NO. 6 FUEL OIL/BUNKER FUEL

Lab Reference	99940195	Classification	Tk 3
Vessel/Barge	Penn-120	Grade	#6 Fuel Oil
Client	Sprague	Terminal	Bucksport, ME
Date on Sample	2/27/04	Sampled by	AV
Date Tested	2/27/04	Tested by	AC

Tests	Method	Results	Unit of Measure
API Gravity @ 60°F	D-4052	15.0	API
Flash Point, PMCC	D-93B	202	Degrees F
Pour Point/Upper	D-97	15/59	Degrees C/F
Sulfur Content	D-4294	0.483	Weight %
S&W Content	D-1796	0.50	Volume %
Viscosity	D-445	164.8	Cst
Viscosity @ 122F	D-2161	78.4	Sfs
Ash Content	D-482	0.039	Weight %
Heat of Combustion	D-240	18,576	Btu/lb
Gravity	Table 8	8.044	lb./gal
Heat of Combustion	D-240	149,425	Btu/Gal.
Nitrogen	D-5762	0.34	Weight %
Vanadium	D5863B	9	Ppm
Sodium	D5863B	35	Ppm
Water by Distillation	D-95	0.40	Volume %
Sediment by Extraction	D-473	0.02	Weight %
Asphaltenes	D-3279	2.6	Weight %
Conradson Carbon Residue	D-189	8.4	Weight %

Approved by
Albert Collin Jr.

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